

PHILIP MORRIS USA
RESEARCH AND DEVELOPMENT DEPARTMENT

INDONESIA TEST #36

AJ6-06FU
AA6-06FU
KF6-06FU

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INDONESIA TEST #36

The following cigarette brands from Indonesia were received for testing on September 15, 1970. These cigarettes were of July production.

Abdulla (Special Kings) King Size 20's (Soft Pack) - Sumatra
 Abdulla King Size 20's (Box) - Malang
 Kingford King Size 20's (Soft Pack) - Malang

This is the first sampling of Abdulla (Special Kings) king size cigarettes received from Indonesia, manufactured in Sumatra.

The Abdulla king size cigarettes were different from the previous average in the following characteristics: tar, TPM, total RTD, static burning time and paper porosity.

The Kingford king size cigarettes were different from the previous average in the following characteristics: tar, TPM, total RTD, paper porosity, tobacco weight and rod density.

	Abdulla (Special Kings) King Size 20's (Soft Pack) Sumatra	Abdulla King Size 20's (Box) - Malang	Prev. Avg.	Kingford King Size 20's (Soft Pack) Malang	Prev. Avg.
<u>Smoke</u>					
Butt Length, mm	23	23	23	23	23
FTC Tar, mg/cigt.	24.0	24.2	26.9	22.2	26.9
TPM, mg/cigt.	28.5	28.1	31.7	27.0	31.7
Nicotine, mg/cigt.	1.16	1.32	1.38	1.12	1.18
Water, mg/cigt.	3.3	2.6	3.4	3.7	3.6
Puffs/cigt.	11.0	10.1	10.4	10.6	10.3
Filtration Eff., %	26	26	24	27	25
<u>Cigarette</u>					
Total RTD, in. of H ₂ O	5.2	4.4	5.0	5.8	4.7
mm of H ₂ O	132	112	127	147	119
Static Burn. Time, min.	9.0	7.5	8.6	8.0	8.9
Length, mm	85.9	84.1	83.9	83.8	83.9
Circumference, mm	24.4	24.5	24.5	24.7	24.5
Diameter, mm	7.8	7.8	7.8	7.9	7.9
<u>Paper</u>					
Porosity, sec.	56	36	56	36	56
<u>Filter</u>					
RTD, in. of H ₂ O	0.9	0.9	1.0	0.9	1.0
mm of H ₂ O	23	23	25	23	25
Length, mm	15.1	15.1	15.1	15.0	15.0
Weight, g	0.09	0.09	0.09	0.09	0.09
Tipping paper length, mm	18	19	19	18	18
<u>Filler</u>					
Total alkaloids, %	1.07	1.28	1.21	1.06	1.00
Total reducing sugars, %	3.9	4.9	5.1	3.8	4.7
Wt. of tob., 1,000 cigts., g	941	928	947	973	925
1,000 cigts., lbs.	2.0718	2.0432	2.0751	2.1532	2.0356
Rod Density, g/cc	0.289	0.282	0.287	0.293	0.281
C.V., cc/10 g	42	41	41	42	42
C.V., cc/10 g (Corrected to 12% C.V.)	41	40	40	41	41
Oven Volatiles, %	11.9	11.8	11.7	11.8	11.5

¹Equilibrated at 75°F and 60% R.H. for 48 hrs.

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